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Signature

PTO/SB/21 (08-00)

## 10/815,654 Application Number TRANSMITTAL April 2, 2004 Filing Date First Named Inventor Shunpei YAMAZAKI et al. **FORM Group Art Unit** 2822 M. Guerrero **Examiner Name** (to be used for all correspondence after initial filing) Total Number of Pages in This Submission **Attorney Docket Number** 0756-7279 ENCLOSURES (check all that apply) After Allowance Communication to **Assignment Papers** Fee Transmittal Form Group (for an Application) Appeal Communication to Board Drawing(s) Fee Attached of Appeals and Interferences Declaration and Power of Amendment Appeal Communication to Group Attorney (Appeal Notice, Brief, Reply Brief) After Final Licensing-related Papers Proprietary Information Petition Affidavits/declaration(s) Status Letter Petition to Convert to a **Extension of Time Request** Other Enclosures **Provisional Application** Power of Attorney, Revocation **Express Abandonment Request** 2. Change of Correspondence 3. Information Disclosure Statement Address 4. Terminal Disclaimer Certified Copy of Priority Document(s) Request for Refund Response to Missing Parts/ CD, Number of CD(s) Incomplete Application Remarks The Commissioner is hereby authorized to charge any additional Response to Missing Parts fees required or credit any overpayments to Deposit Account No. 50under 37 CFR 1.52 or 1.53 2280 for the above identified docket number. SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Eric J. Robinson, Reg. No. 38,285 Firm Robinson Intellectual Property Law Office, P.C. **PMB 955** Individual name 21010 Southbank Street Potomac Falls, VA 20165 Signature 5-17-05 Date **CERTIFICATE OF MAILING** I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date indicated below. Type or printed name

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:	)	Examiner: M. Guerrero
Shunpei YAMAZAKI et al.	)	Art Unit: 2822
Serial No: 10/815,654	)	CERTIFICATE OF MAILING I hereby certify that this correspondence is
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## INFORMATION DISCLOSURE STATEMENT

Honorable Commissioner of Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In accordance with the provisions of 37 C.F.R. 1.56 and 37 C.F.R. 1.97-1.99, Applicant submits herewith a Form PTO-1449 listing information known to Applicant and requests that this information be made of record in the above identified application. Copies are submitted herewith in accordance with 37 C.F.R. 1.98(a).

Copies of U.S. patents and U.S. publications are not enclosed in accordance with the Notice published in the Official Gazette on August 5, 2003 entitled *Information Disclosure Statements May Be Filed Without Copies of U.S. Patents and Published Applications in Patent Applications filed after June 30, 2003*, which waives the requirement under 37 CFR 1.98(a)(2)(i) for submitting a copy of each cited U.S. patent and each U.S. publication.

U.S. Patent No. 5,427,961 cited in the Information Disclosure Statement filed April 2, 2004, is in the family of JP 06-163958 submitted herewith.

This Information Disclosure Statement is being submitted before the issuance of

a first Office Action on the merits, therefore, no fee is required.

The Commissioner is hereby authorized to charge fees under 37 C.F.R. §§1.16, 1.17, 1.20(a), 1.20(b), 1.20(c), and 1.20(d) (except the Issue Fee) which may be required now or hereafter, or credit any overpayment to Deposit Account No. 50-2280.

A duplicate copy of this sheet is attached.

Respectfully submitted,

Eric J. Robinson

Reg. No. 38,285

Robinson Intellectual Property Law Office, P.C. PMB 955 21010 Southbank Street

Potomac Falls, Virginia 20165

(571) 434-6789

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PTO/SB/08A (08-00)

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Substitute	for form 1449A/PTO		& TRADE	MARK C	omplete if Known
INFO	RMATION I	ntsct	OSTIRE	Application Number	10/815,654
				Filing Date	April 2, 2004
SIAI	TEMENT BY			First Named Inventor	Shunpei Yamazaki et al.
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				Examiner Name	M. Guerrero
Sheet	1	of	3	Attorney Docket Number	0756-7279

				U.S. PATENT DOCUMEN	<u>rs</u>	
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent D	Occument	Name of Patentee or Applicant of Cited	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)	Document	MINI-DD-1111	
		4,643,526		Watanabe et al.	02/17/1987	
		5,148,301		Sawatsubashi et al.	09/15/1992	
		5,200,847		Mawatari et al.	04/06/1993	
		5,206,749		Zavracky et al.	04/27/1993	
		5,261,156		Mase et al.	11/16/1993	
		5,339,180		Katoh	08/16/1994	
		5,341,012		Misawa et al.	08/23/1994	
		5,376,561		Vu et al.	12/27/1994	
		5,377,031		Vu et al.	12/27/1994	
		5,436,744		Arledge et al.	07/25/1995	
		5,477,309		Ota et al.	12/19/1995	
		5,521,107		Yamazaki et al.	05/28/1996	
		5,539,550		Spitzer et al.	07/23/1996	
		5,569,610		Zhang et al.	10/29/1996	
		5,572,046		Takemura	11/05/1996	
		5,574,292		Takahashi et al.	11/12/1996	-

			F	OREIGN PATENT DOC	UMENTS		
Examiner Initials*	Cite No.	Office <sup>3</sup>	Foreign Patent Document  Kind Code <sup>5</sup> Number <sup>4</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Τ <sup>¢</sup>
		ID	03-102325		04/26/1991		Abst.
		JP			07/15/1991		Abst.
	ļ	JP	03-163418				
	1	JP	03-249625		11/07/1991		Abst.
		JP	04-170520		06/18/1992	<u> </u>	Full
		JP	04-178633		06/25/1992		Full
		JP	05-040278		02/19/1993		Abst.
		JP	05-218365		08/27/1993		Abst.
	_	JP	05-232494		09/10/1993		Abst.
		JP	05-249496		09/28/1993		Abst.
		JP	06-163958		06/10/1994		Abst.
		•	OTHER PRIOR	ART – NON PATENT LITE	RATURE DOCUMENTS		
Examiner Initials*	Cite No.1			hor (in CAPITAL LETTERS), ournal, serial, symposium, catal publisher, city and/or coun	og, etc.)., date, page(s), volum		T <sup>2</sup>
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Examiner		Date	
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<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Substitute	for form 1449A/PTO			Complete if Known		
INFO	RMATION I	חופרי	OSLIDE	Application Number	10/815,654	
				Filing Date	April 2, 2004	
SIAI	TEMENT BY			First Named Inventor	Shunpei Yamazaki et al.	
	(use as many sheets o	as necesso	ary)	Group Art Unit	2822	
				Examiner Name	M. Guerrero	
Sheet	2	of	, 3	Attorney Docket Number	0756-7279	

			U.S. PATENT DOCUMEN	TS	
Examiner Initials*	Cite No.	U.S. Patent Document  Number Kind Code <sup>2</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		5,576,231	Konuma et al.	11/19/1996	
		5,576,868	Togashi	11/19/1996	
		5,576,869	Yoshida	11/19/1996	
		5,596,023	Tsubota et al.	01/21/1997	
		5,614,733	Zhang et al.	03/25/1997	
		5,619,045	Konuma et al.	04/08/1997	
		5,646,432	Iwaki et al.	07/08/1997	
		5,654,811	Spitzer et al.	08/05/1997	
		5,667,720	Onishi et al.	09/16/1997	
		5,672,518	Hayashi et al.	09/30/1997	
		5,672,900	Konuma et al.	09/30/1997	
		5,701,167	Yamazaki	12/23/1997	
		5,747,355	Konuma et al.	05/05/1998	
		5,757,456	Yamazaki et al.	05/26/1998	
		5,759,878	Hayashi et al.	06/02/1998	
		5,766,977	Yamazaki	06/16/1998	
		5,781,164	Jacobsen et al.	07/14/1998	
		5,783,468	Zhang et al.	07/21/1998	
		5,786,242	Takemura et al.	07/28/1998	
		5,821,138	Yamazaki et al.	10/13/1998	
		5,821,559	Yamazaki et al.	10/13/1998	
		5,834,327	Yamazaki et al.	11/10/1998	
		5,879,977	Zhang et al.	03/09/1999	
		6,013,928	Yamazaki et al.	01/11/2000	
	1	6,110,770	Zhang et al.	08/29/2000	
		6,118,502	Yamazaki et al.	09/12/2000	
		6,556,257	Ino	04/29/2003	
		6,566,711	Yamazaki et al.	05/20/2003	
	<b>—</b>	2003/0071953	Yamazaki et al.	04/17/2003	

		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant	T <sup>6</sup>
Office <sup>3</sup>	Kind Code <sup>5</sup> Number <sup>4</sup> (if known)			Figures Appear	
JP	06-186578		07/08/1994		Abst.
JP	06-258661		09/16/1994		Abst.
JP	06-291291		10/18/1994	,	Abst.
JP	06-347825		12/22/1994		Abst.
	JP JP JP	JP 06-186578 JP 06-258661 JP 06-291291	JP 06-186578 JP 06-258661 JP 06-291291	JP     06-186578     07/08/1994       JP     06-258661     09/16/1994       JP     06-291291     10/18/1994	JP     06-186578     07/08/1994       JP     06-258661     09/16/1994       JP     06-291291     10/18/1994

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<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Substitut	e for form 1449A/PTO		-	C	omplete if Known
INEC	RMATION I	DISC	LOSIDE	Application Number	10/815,654
	TEMENT BY		-	Filing Date	April 2, 2004
51A	<del></del>			First Named Inventor	Shunpei Yamazaki et al.
	(use as many sheets	as necess	ary)	Group Art Unit	2822
				Examiner Name	M. Guerrero
Sheet	3	of	3	Attorney Docket Number	0756-7279

			U.S. PATENT DOCUMEN	TS	
Examiner Initials	Cite No.1	U.S. Patent Document	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code (if known)	Document	MM-DD-YYYY	
		2004/0263712	Yamazaki et al.	12/30/2004	
		2005/0052584	Yamazaki et al.	03/10/2005	
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Examiner Initials	Cite No.1	Foreign Patent Document			Name of Patentee or	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant		
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>3</sup> (if known)		Applicant of Cited Document	MM-DD-YYYY	Figures Appear	т'
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Examiner	Cite		Include 1	name of the a	author	(in CAPITAL LETTERS), t	title of the article (when appro		T <sup>2</sup>
Initials*	No.1		item (boo	ok, magazine		al, serial, symposium, catale publisher, city and/or count	og, etc.)., date, page(s), volum try where published.	e-issue number(s),	<u> </u>
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Examiner	Date	
Signature	Considered	

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.